**DAFTAR GAMBAR**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | Halaman |
| Gambar 2.1 | Struktur Blockchain | ……………… | 5 |
| Gambar 2.2 | Detail Struktur Blockchain | ……………… | 6 |
| Gambar 2.3 | Algoritma Konsensus Proof Of Work | ……………… | 9 |
| Gambar 2.4 | Algoritma Konsenses Proof Of Stake | ……………… | 11 |
| Gambar 2.5 | Struktur Blockchain Ethereum | ……………… | 14 |
| Gambar 2.6 | Contoh Struktur Header Transaksi Ethereum | ……………… | 15 |
| Gambar 2.7 | Contoh Transaksi Smart Contract Yang Mengalami Kegagalan | ……………… | 15 |
| Gambar 2.8 | Contoh Struktur Body Transaksi Ethereum | ……………… | 16 |
| Gambar 2.9 | Tampilan MetaMask Akun Penulis | ……………… | 18 |
| Gambar 3.1 | Arsitektur Ethereum | ……………… | 24 |
| Gambar 3.2 | Arsitektur Cloud | ……………… | 25 |
| Gambar 3.3 | Tampilan Deployment Manager Djangostack | ……………… | 25 |
| Gambar 3.4 | Tampilan Instance Server CMS Penulis | ……………… | 26 |
| Gambar 3.5 | Tampilan Pengaturan Firewall | ……………… | 26 |
| Gambar 3.6 | Alur Membuat Smart Contract | ……………… | 27 |
| Gambar 3.7 | Alur Kerja Mencetak QR Code | ……………… | 28 |
| Gambar 3.8 | Pasang Token Smart Contract di MetaMask | ……………… | 29 |
| Gambar 3.9 | Proses Bisnis Supply Chain Menggunakan Blockchain (Pasar Jagal) Level 1 | ……………… | 30 |
| Gambar 3.10 | Proses Bisnis Supply Chain Menggunakan Blockchain (Produsen Terkenal/PT) Level 1 | ……………… | 31 |
| Gambar 3.11 | Proses Bisnis Supply Chain Menggunakan Blockchain (Pasar Jagal/Produsen Terkenal) Level 2 | ……………… | 32 |
| Gambar 4.1 | Modifikasi Smart Contract | ……………… | 34 |
| Gambar 4.2 | Compile Smart Contract | ……………… | 35 |
| Gambar 4.3 | Sukses Compile Smart Contract | ……………… | 35 |
| Gambar 4.4 | Deploy Smart Contract Dengan Injected Web 3 | ……………… | 36 |
| Gambar 4.5 | Konfirmasi Deploy Smart Contract | ……………… | 36 |
| Gambar 4.6 | Aktivitas Deploy Smart Contract | ……………… | 37 |
| Gambar 4.7 | Token Berhasil Dibuat | ……………… | 38 |
| Gambar 4.8 | TRISAKTI Token | ……………… | 38 |
| Gambar 4.9 | Aktivitas Contract Deployment | ……………… | 38 |
| Gambar 4.10 | Detail Contract Deployment | ……………… | 39 |
| Gambar 4.11 | Txn Deployment Smart Contract | ……………… | 39 |
| Gambar 4.12 | Token UnivTrisakti | ……………… | 40 |
| Gambar 4.13 | Tampilan MetaMask | ……………… | 40 |
| Gambar 4.14 | Isi Token Contract Address | ……………… | 41 |
| Gambar 4.15 | Import Token Berhasil | ……………… | 42 |
| Gambar 4.16 | Kolom 1 Halaman Web | ……………… | 43 |
| Gambar 4.17 | Kolom 2 Halaman Web | ……………… | 44 |
| Gambar 4.18 | Kolom 3 Halaman Web | ……………… | 44 |
| Gambar 4.19 | Tampilan Sistem Generator QR Code | ……………… | 45 |
| Gambar 4.20 | Hasil QR Code | ……………… | 45 |
| Gambar 4.21 | Tampilan Website Setelah User Memindai QR Code | ……………… | 46 |